

**NASA Space Shuttle Program (SSP)**  
**Mission Management Team (MMT) STS-114**  
**Minutes of Meeting**  
**July 31, 2005**

The STS-114 Flight Day 6 (FD6) MMT meeting, chaired by Deputy Manager, SSP, JSC-MA/Wayne Hale, was held July 31, 2005 at 1:00 p.m. Central Time (CT), Johnson Space Center (JSC), Building 30, Room 118. Member organizations supported at JSC and remote sites by video teleconference. Roster sheets for those that participated in this meeting are available. Following are highlights of the issues that were discussed.

**A. Introduction – MMT Chairman**

Mr. Hale gave a few introductory remarks.

**B. Flight Status – Mission Operations Directorate (MOD) Failure Summary**

JSC-DA/Bob Castle reported on the current mission timeline status. He noted that cargo transfers presently dominate the STS-114 crews' workday. The nine crewmembers have been unloading supplies and equipment from the Italian-built multi-purpose logistics module (MPLM). MPLM transfer activities are to continue tomorrow (FD7). He added that there was a Shuttle airlock hatch closing alignment issue that the crew and flight control team are working.

The presenter concluded that the mission is proceeding per the nominal timeline, but an MMT decision is needed by FD7 regarding the EVA gap filler task.

**C. Orbiter and Government-Furnished Equipment (GFE) Status**

JSC-MV/Steve Poulos, Orbiter Project Manager, reported minor camera problems have been fixed and all systems are operating nominally. In a "heads up" to the MMT, he indicated that a delta loads assessment may be required for return, in light of the "loading up" of the MPLM for the contingency case of return of ESP2. With regard to the thermal protection system (TPS), Mr. Poulos received word from Boeing-KSC/Dan Bell that the damaged blanked reported after launch has been cleared from a thermal perspective.

**D. Integrated Anomalies/Issues Summary**

MSFC-MP71/Helen McConnaughey presented the Systems Engineering and Integration (SE&I) Integrated Anomalies list, located on the MMT website at:

[http://sspweb.jsc.nasa.gov/webdata/mmtmeeting/flt/114/050731.1300\\_D6/12\\_Integrated\\_Anomalies\\_Issues\\_Summary.pdf](http://sspweb.jsc.nasa.gov/webdata/mmtmeeting/flt/114/050731.1300_D6/12_Integrated_Anomalies_Issues_Summary.pdf)

**E. Action 114-MMT-006, Assess The Feasibility of Changes to Middeck and MPLM Stowage. Provide the Impact Assessment of Increasing the Mission by an Additional Docked Day**

Action 114-MMT-006 for Flight Operations and Integration to assess the feasibility of changes to Middeck and MPLM stowage and the impact assessment of increasing the mission by an additional docked day was discussed at the July 30, 2005 MMT. The MMT decided that the discussion at that meeting satisfied the action. Action 114-MMT-006 is closed.

**F. Post Launch Pad/Mobile Launch Platform (MLP) Assessment**

KSC-PH/Pepper Phillips provided details from the L+5 Day Pad/MLP post-launch ascent assessment. Mr. Phillips concluded that: (1) post launch safing was nominal; (2) initial system securing was complete and nominal; (3) ordnance removal was complete; and (4) all wash-downs are complete. He summarized that the Pad/MLP was one of the cleanest in recent history.

**G. Leading Edge Subsystem (LESS) Summary**

Boeing-KSC/Mike Gordon gave a report from the LESS/Reinforced Carbon-Carbon (RCC) Problem Resolution Team (PRT), citing four initial threats identified by the Wing Leading Edge Impact Detection System (WLEIDS). These were assessed on FD2, with application of the orbiter boom sensor system (OBSS). The OBSS focused inspection confirmed no sustaining impact on the wing leading edge (WLE).

**H. Management Decisions Summary**

No management decisions were made at today's MMT. Mr. Hale polled the MMT and received concurrence that FD7 should proceed as planned.

**I. Conclusion**

Mr. Hale stated that the next MMT is scheduled for 1:00 p.m. CT, Monday, August 1, 2005.

Detailed information on all assigned actions for this meeting can be found on the MMT Action log, located on the MMT web site at:  
[http://sspweb.jsc.nasa.gov/webdata/mmtmeeting/flt/114/050731.1300\\_D6/actionlog.pdf](http://sspweb.jsc.nasa.gov/webdata/mmtmeeting/flt/114/050731.1300_D6/actionlog.pdf)

The MMT web site is available at <http://sspweb.jsc.nasa.gov/mmt/>.

The meeting adjourned at 2:21 p.m. CT.

MMT: July 31, 2005

**Minutes Prepared By:**

<u>Lorin O. Lovfald</u>	<u>July 31, 2005</u>
Minutes Writer	Date

**Approvals:**

<u>Eddie King</u>	<u>July 31, 2005</u>
MMT Secretary	Date

<u>J.J. Conwell</u>	<u>July 31, 2005</u>
Customer Support Room (CSR) Duty Officer	Date

## MEETING ATTENDANCE ROSTER

PLEASE PRINT

MEETING TITLE: STS-114 MMT Flight Day 06

LOCATION: JSC		DATE: 07/31/05
NAME	ORGANIZATION/MAIL CODE	TELEPHONE
Lynn Bidsand	USA	(2PI) 280-6869
Bill Parsons	NASA MA	
Loren Shriver	USA/ISS	281-212-6192
Darel Paternostro	USA ISS/MA	212 6419
Bill Reeves	USA PI	281 212 6240
Rod Wallace	MS	33904
John Muratao	NASA NJ	34462
Ellen Ochoa	CA	3-4995
Jim Bucklin	ESA (X)-USA	281 336 4300
Allen Floyd	NASA DA	33321
Brian Breen	USA ISS	212 6206
Scott Horvitz	" FO	282-3605
Jeff Dyllen	XA	32841
STEPHEN BAUGHN	MS	3-5452
Lililee Johnson	USA	281 212 6212
Stokes McMillan	MS3	35913
LOUIS LOUFAND	USA	281-280-6872
Vanessa Ellerke	MO	37343
Chris Tamm	ESA	281-280-0222
Pat Gresham	NASA/ORG	202 358-2555
Brewster Shaw	USA	281-212-6120
JOHN SHANNON	MO	30716
CRAIG CLOKEY	USA	2146236
Steve Foulas	MV	33307
Helen McConnaughey	MSFC MP71	
Terry Dawson	Boeing - Safety	281-226-5734
RONNY BACCUS	ISS	X3770
BOB LANK	USA	281-212-6134

FAX completed Attendance Sheets to (281) 483-4082

## MEETING ATTENDANCE ROSTER

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MEETING TITLE: STS-114 MMT Flight Day 06

LOCATION: JSC

DATE: 07/31/05

NAME

ORGANIZATION/MAIL CODE

TELEPHONE

James Hays

NA

32823

Willett

MX

48715

JAMES K. ORR

USA - FSW

281-282-4333

David Thelen

NE

30675

MARTIN GARCIA

USA PCE

Boeing

281-723-1987

Craig Chas. Foster Gopal

AD

39151

Chuck Shaw

MG

55412

JEFF CYPHER

NC

35405

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LOCATION: JSC

DATE: 07/31/05

NAME	ORGANIZATION/MAIL CODE	TELEPHONE
JOSE KALIL	DDMS / DM-46	3-1941
ROBERT GALVEZ	MO3	47096
Carl Martin	MS 3	31559
Perry Meredith	MA	31459
BOB CABANA	AB	32465
Joe Gerunwald	Boeing	281-226-5507
KYLE HERRING	AP	35111
DANIEL LAURINI	ESA	48262
James M. Duncan	SD	32432
B. Pawlik	MV6	47029
Steve Graylar	MO3	31144
Mary Anne Haze	NASA / MO3	41048
STEVE NICKMAN	ES3	38867
JEFF DAVIS	SLSD-SA	30393
HERNANDEZ	DDMS	37351
Byron Senale-Gonzalez	EAY2	34542
DE CASTRO	US AIR FORCE	281-212-6262
Mike Cousin	MG	45423
Kim E.	MU	
SCOTT CULBERTSON	Boeing	226-3308
	SAIC	336-3905
JOHN BASS	CAY / NESC	42905
LEROY E. CAIN	NASA / DAB / FLIGHT	X30705
STEVE FORTER	NASA EA	47149
Milt Hoffman	MOD	
David Wright	Lockheed Martin	972-603-2168
BARBARA PRATT	SHC / NL62	33761

FAX completed Attendance Sheets to (281) 483-4082



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LOCATION: MSFL-406

**DATE: 07/31/05**

NAME

**ORGANIZATION/MAIL CODE****TELEPHONE**

## Robert Champion

MP71

4-0478

Scott Schutzenhof

MP71

4-8496

M. RUDOLPHI

**NR01**

4-0202

Jan Davis

2101

4-0455

Chris Singer

EDC

4-7058

John Chapman

NSA/MSPC/EP04

256-544-0821

Mike Tankersley

USA / m71

256-544-8986

**FAX completed Attendance Sheets to (281) 483-4082**

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## MEETING ATTENDANCE ROSTER

PLEASE PRINT

MEETING TITLE: STS-114 MMT Flight Day 06

LOCATION: KSC

DATE: 07/31/05

NAME

ORGANIZATION/MAIL CODE

TELEPHONE

Bill Dowdell

NASA UB N

7-6455

Jon Cowart

NASA MV-7

1-3042

Carol Scott

NASA MK-SIO

1-3970

Pepper Phillips

NASA PH

7-4343

Tally Yates

USA

1-3956

Hugo Delgado

NASA GA

7-2628

Pete Nickolenko

NASA PH-L

1-9317